

Application No. 09/186,810

Please add new claims 29-40 as follows:

29. (New) The prosthesis of claim 28 wherein the biocompatible substrate comprises tissue.
30. (New) The prosthesis of claim 28 wherein the biocompatible substrate comprises a synthetic material.
31. (New) The prosthesis of claim 28 wherein the substrate comprises a bioresorbable material.
32. (New) The prosthesis of claim 28 wherein the polypeptide growth factor is bonded to the substrate with a crosslinking agent.
33. (New) The prosthesis of claim 28 further comprising an adhesive, the adhesive being associated with the polypeptide growth factor and the substrate.
34. (New) A prosthesis comprising a substrate and a polypeptide growth factor associated with the substrate by antibody-antigen associations, specific binding protein-receptor associations or enzyme-substrate associations, the polypeptide growth factor associated with the substrate being effective to stimulate association of viable cells with the substrate.
35. (New) The prosthesis of claim 34 wherein the biocompatible substrate comprises tissue.

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36. (New) The prosthesis of claim 34 wherein the biocompatible substrate comprises a synthetic material.
37. (New) The prosthesis of claim 34 wherein the substrate comprises a bioresorbable material.
38. (New) The prosthesis of claim 34 wherein the polypeptide growth factor is associated with the substrate by antibody-antigen associations.
39. (New) The prosthesis of claim 34 wherein the polypeptide growth factor is associated with the substrate by specific binding protein-receptor associations.
40. (New) The prosthesis of claim 34 wherein the polypeptide growth factor is associated with the substrate by enzyme-substrate associations.

REMARKS

Claims 1, 3-5, 8-17 and 28-40 are pending. By this Amendment, claim 1 is amended, and new claims 29-40 are added. Claim 1 has been amended to more particularly point out Applicants' claimed invention. The amendment of claim 1 is supported by the specification, for example, at page 17, lines 5-19.

New claims 29 and 35 are supported by the specification, for example, at page 7, lines 31-34 and claim 8, as filed. New claims 30 and 36 are supported by the specification, for example, at page 8, lines 15-18. New claims 31 and 37 are supported by the specification, for example, at page 9, line 28 to page 10, line 1. New claim 32 is supported by the specification, for example, at page 17, lines 5-8. New claim 33 is supported by the specification, for example,